

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A medical checkup network system comprising:
 - a patient terminal for measuring predetermined biodata of each patient including at least one of a blood pressure and a body temperature;
 - ~~a center server for storing the biodata measured by the patient terminal; and~~
 - a doctor terminal through which medical staff is enabled ~~able~~ to view the biodata ~~stored in said center server to conduct a diagnosis, wherein; and~~
 - a center server for storing data received from said patient terminal and said doctor terminal, wherein:
 - said patient terminal, ~~and~~ said doctor terminal, ~~and~~ ~~said center server~~ are connected with each other via said center server over a communication network;
 - ~~said doctor terminal includes a sensitivity setting section for determining a level of sensitivity for receiving, at said patient terminal, a signal output from a sensor;~~
 - ~~said center server includes a section for receiving and storing the sensitivity level determined by said sensitivity setting section of said doctor terminal; and~~
 - said patient terminal includes a an instrument data memory for storing an identification number to discriminate said patient terminal from other terminals, and is operable to execute procedures of connecting said patient terminal to said center server over the communication network to transmit the identification number upon installation of said patient terminal at the home of the patient, receiving, over the communication network, patient terminal data corresponding to the identification number which is registered preliminarily in said center server, and storing the received patient terminal data; and~~section for communicating with said center server to receive the sensitivity level and modifying the sensitivity of the sensor based on the received sensitivity level.~~
 - the patient terminal data is data related to said patient terminal to be used by the patient.
2. (Currently amended) A medical checkup network system comprising:
 - a doctor terminal for entering predetermined medical support data including at least one of advice data and schedule data to a patient;
 - ~~a center server for storing the medical support data entered through said doctor terminal;~~
 - and

a patient terminal for receiving and displaying the medical support data; and ~~received from said center server, wherein:~~

a center server for storing data received from said patient terminal and said doctor terminal, wherein:

~~said patient terminal, and said doctor terminal, and said center server~~ are connected with each other via said center server over a communication network;

~~said doctor terminal includes a sensitivity setting section for determining a level of sensitivity for receiving, at said patient terminal, a signal output from a sensor;~~

~~said center server includes a section for receiving and storing the sensitivity level determined by said sensitivity setting section of said doctor terminal; and~~

said patient terminal includes a-an instrument data memory for storing an identification number to discriminate said patient terminal from other terminals, and is operable to execute procedures of connecting said patient terminal to said center server over the communication network to transmit the identification number upon installation of said patient terminal at the patient's home, receiving, over the communication network, patient terminal data corresponding to the identification number which is registered preliminarily in said center server, and storing the received patient terminal data; and~~section for communicating with said center server to receive the sensitivity level and modifying the sensitivity of the sensor based on the received sensitivity level.~~

the patient terminal data is data related to said patient terminal to be used by the patient.

3. (Previously presented) The medical checkup network system according to claim 1, wherein said center server includes an authorizing section for providing the patient, said patient terminal, the medical staff or said doctor terminal registered in said center server with an access right to enter data or access the data stored in said center server.

4. (Previously presented) The medical checkup network system according to claim 1, wherein said center server includes an administrator terminal for registering the user of said system and inputting various medical data in said center server.

5. (Currently amended) The medical checkup network system according to ~~claim 1~~claim 4,

wherein said center server is operable to store at least one software program to said patient terminal, said doctor terminal or said administrator terminal, and each of said patient, doctor and administrator terminals is operable to download the software from said center server for use.

6. (Previously presented) The medical checkup network system according to claim 5, wherein:

the software of said patient terminal includes version data which is indicative of a version of the software; and

said patient terminal is operable to compare the version data of the software in said patient terminal with latest version data managed in said center server upon communicating with said center server, and when the version data is older than update version data, systematically download a latest version of the software from said center server for upgrading the version of the software in said patient terminal.

7. (Previously presented) The medical checkup network system according to claim 2, wherein:

said center server is operable to store the advice data directed to a patient entered at said doctor terminal;

said patient terminal includes a section for detecting the reception of the advice data; and

said doctor terminal includes a section for communicating with said center server and displaying whether or not the advice data is received by said patient terminal.

8. (Previously presented) The medical checkup network system according to claim 4, wherein said administrator terminal is operable to register, in said center server, an access right for the patient, said patient terminal, a doctor of the medical staff or said doctor terminal.

9. (Currently amended) The medical checkup network system according to claim 4, wherein said administrator terminal is operable to enter the patient terminal data ~~which is data related to said patient terminal to be used by the patient.~~

10. (Previously presented) The medical checkup network system according to claim 9, wherein said administrator terminal is arranged for executing at least one of:

- a procedure of entering an identification number which identifies said patient terminal;
- a procedure of entering a name of a patient corresponding to the identification number;
- a procedure of entering an identification code corresponding to the patient name;
- a procedure of entering at least one measurement item corresponding to the patient name;

and

- a procedure of entering at least one name of an instrument which senses biodata corresponding to the measurement item.

11. (Previously presented) The medical checkup network system according to claim 1, wherein:

- said doctor terminal includes a biodata threshold setting section for setting a threshold of the biodata for each patient; and

- said center server includes an alert section for receiving the threshold set by said biodata threshold setting section of said doctor terminal and providing said doctor terminal with an alert when the level of the biodata of the patient measured by said patient terminal exceeds the threshold.

12. (Canceled)

13. (Currently amended) The medical checkup network system according to claim 1, wherein said patient terminal includes an initial connection setting section for automatically communicating with said center server when said patient terminal is so as to execute a predetermined process upon being energized so as to upload, said initial connection setting section being operable to at least one of automatically update the software of said patient terminal, receive medical support data including schedule data and advice data, and transmit measurement data which has not been transferred, and disconnecting the communication after the uploading is completed.

14. (Previously presented) The medical checkup network system according to claim 1, wherein:

said patient terminal includes a communicating section for measuring at least one kind of biodata to transmit the measured biodata to said center server;

said center server includes a database for storing the biodata received from said patient terminal; and

said doctor terminal includes a biodata displaying section for communicating with said center server and displaying the biodata stored in said database.

15. (Currently amended) The medical checkup network system according to claim 14, wherein said patient terminal includes:

a measurement interface connected with at least one sensor for measuring the biodata;

a biodata memory for storing the biodata measured by the at least one sensor and received through said measurement interface; and

a communicating section for transmitting the biodata stored in said biodata memory and receiving ~~said the~~ patient terminal data from said center server upon installation of said patient terminal in the home of the patient; and

~~an instrument data memory for storing an identification number of each sensor to discriminate the at least one sensor from each other.~~

16. (Currently amended) The medical checkup network system according to ~~claim 15~~claim 1, wherein ~~said the~~ patient terminal data includes at least one of ~~is operable to:~~

~~connect to said center server over the communication network upon the installation of said patient terminal;~~

~~receive, from said center over the communication network, patient terminal data which includes a name of the patient corresponding to an the identification number of said patient terminal, an identification code corresponding to the patient name, a measurement item corresponding to the patient name, an instrument name of the a sensor for measuring the biodata and corresponding to the measurement item, and control data of the sensor; and~~

~~store the received patient terminal data.~~

17. (Currently amended) The medical checkup network system according to claim 14, wherein said patient terminal includes:

- a measurement interface connected with at least one sensor for measuring the biodata;
- a biodata memory for storing the biodata measured by the at least one sensor and received through said measurement interface;

- a communicating section for transmitting the biodata stored in said biodata memory to said center server;

- an instrument data memory for storing ~~an~~ a sensor identification number to discriminate the at least one sensor from each other; and

- a recording medium interface for receiving the biodata from a detachable recording medium upon installation of said patient terminal in the home of the patient.

18. (Currently amended) The medical checkup network system according to claim 17, wherein said patient terminal is operable to: receive, upon the installation of said patient terminal, from the detachable recording medium, patient terminal data including at least one of a name of the patient corresponding to ~~an~~ the identification number of said patient terminal, an identification code corresponding to ~~a~~ the patient name, a measurement item corresponding to the patient name, an instrument name of the sensor corresponding to the measurement item, and control data of the sensor corresponding to the measurement item; and store the received patient terminal data.

19. (Previously presented) The medical checkup network system according to claim 2, wherein:

- said doctor terminal is operable to receive and monitor schedule data of a health care action for the patient;

- said center server is operable to store the schedule data received from at least one doctor terminal; and

- said patient terminal is operable to communicate with said center server to provide the patient with the schedule data received from said center server.

20. (Previously presented) The medical checkup network system according to claim 19,

wherein said patient terminal includes at least one of a displaying section for displaying a patient name, a setting time and medical activities in the form of messages and images upon receiving the schedule data, and a sound generator for releasing a voice sound representing contents of the patient name, the setting time and the medical activities.

21. (Previously presented) The medical checkup network system according to claim 19, wherein the schedule data includes at least one pair including a pair of the time and detail of a dosage, a pair of the time of a visit on the patient and a name of a visitor or the medical staff, a pair of the time of a reservation and detail of medical treatment at a medical facility, and a pair of the time and item of a measurement of the biodata.

22. (Previously presented) The medical checkup network system according to claim 19, wherein:

said center server includes a homepage builder for receiving the schedule data from said doctor terminal and converting the schedule data into data in an HTML or XML format, and a WEB server for storing the data related to the homepage; and

said patient terminal includes a browser function for communicating with said center server, receiving the schedule data in the HTML or XML format, and displaying the schedule data.

23. (Previously presented) The medical checkup network system according to claim 19, wherein:

said center server includes a mail transmitting section for storing the schedule data received from at least one doctor terminal and dispatching, as an e-mail, the medical activities to be done by the patient at the timing determined by the schedule data; and

said patient terminal includes a receiving section for receiving the e-mail from said center server, and a displaying section for displaying details of the e-mail.

24. (Currently amended) The medical checkup network system according to claim 19, wherein:

said patient terminal includes a response entering section for entering a result of the medical activities indicating whether or not the activities are performed according to the schedule data;

said center server includes a database for communicating with said patient terminal, and receiving the result of the medical activities from said patient terminal so as to store the result of the activities; and

said doctor terminal includes a section for communicating with said center server and receiving the result of the medical activities stored in said database so as to display the result.

25. (Previously presented) The medical checkup network system according to claim 24, wherein:

said response entering section of said patient terminal is implemented in an HTML or XML format over a browser; and

said center server includes a WEB server for communicating with the browser in said patient terminal to receive the result of the medical activities, and a database for storing the result of the medical activities received by said WEB server.

26. (Previously presented) The medical checkup network system according to claim 24, wherein:

said patient terminal includes a mail transmitting section for converting the result of the medical activities into a form of text data to transmit the converted data as an e-mail; and

said center server includes an e-mail receiving section for receiving the e-mail from said patient terminal, an analyzing section for extracting the text data from the e-mail so as to check the result of the medical activities, and a database for storing the result of the medical activities.

27. (Previously presented) The medical checkup network system according to claim 23, wherein said patient terminal comprises one of a mobile phone, a pager, and a personal data assistant which are enabled to transmit and receive the e-mail.

28. (Previously presented) The medical checkup network system according to claim 2, wherein said center server includes an authorizing section for providing the patient, said patient

terminal, the medical staff or said doctor terminal registered in said center server with an access right to enter data or access the data stored in said center server.

29. (Previously presented) The medical checkup network system according to claim 2, wherein said center server includes an administrator terminal for registering the user of said system and inputting various medical data in said center server.

30. (Currently amended) The medical checkup network system according to ~~claim 2~~ claim 29, wherein said center server is operable to store at least one software program to said patient terminal, said doctor terminal or said administrator terminal, and each of said patient, doctor and administrator terminals is operable to download the software from said center server for use.

31. (Previously presented) The medical checkup network system according to claim 30, wherein:

the software of said patient terminal includes version data which is indicative of a version of the software; and

said patient terminal is operable to compare the version data of the software in said patient terminal with latest version data managed in said center server upon communicating with said center server, and when the version data is older than update version data, systematically download a latest version of the software from said center server for upgrading the version of the software in said patient terminal.

32. (Previously presented) The medical checkup network system according to claim 29, wherein said administrator terminal is operable to register, in said center server, an access right for the patient, the patient terminal, a doctor or said doctor terminal.

33. (Currently amended) The medical checkup network system according to claim 29, wherein said administrator terminal is operable to enter the patient terminal data ~~which is data related to said patient terminal to be used by the patient.~~

34. (Currently amended) The medical checkup network system according to claim 33, wherein ~~the~~ said administrator terminal is arranged for executing at least one of:

- a procedure of entering an identification number which identifies said patient terminal;
- a procedure of entering a name of a patient corresponding to the identification number;
- a procedure of entering an identification code corresponding to the patient name;
- a procedure of entering at least one measurement item corresponding to the patient name;

and

- a procedure of entering at least one name of an instrument which senses biodata corresponding to the measurement item.

35. (Currently amended) The medical checkup network system according to claim 2, wherein said patient terminal includes an initial connection setting section for automatically communicating with said center server ~~when so as to execute a predetermined process upon being energized, said the initial connection setting section being operable to at least one of~~ automatically update the software of said patient terminal is energized so as to download the medical support data which has not been acquired, and disconnecting the communication after the downloading is completed, ~~receive medical support data including the schedule data and the advice data, and transmit measurement data which has not been transferred.~~

36. (Previously presented) The medical checkup network system according to claim 26, wherein said patient terminal comprises one of a mobile phone, a pager, and a personal data assistant which are enabled to transmit and receive the e-mail.

37. (New) The medical check-up network system according to claim 1, wherein:

- said doctor terminal includes a sensitivity setting section for determining a level of sensitivity for receiving, at said patient terminal, a signal output from a sensor;
- said center server includes a section for receiving and storing the sensitivity level determined by said sensitivity setting section of said doctor terminal; and
- said patient terminal includes a section for communicating with said center server to receive the sensitivity level and modifying the sensitivity of a sensor for measuring the biodata based on the received sensitivity level.

38. (New) The medical checkup network system according to claim 2, wherein said patient terminal data includes at least one of a name of the patient corresponding to the identification number of the patient terminal, an identification code corresponding to the patient name, a measurement item corresponding to the patient name, an instrument name of a sensor for measuring the biodata and corresponding to the measurement item, and control data of the health sensor.

39. (New) The medical checkup network system according to claim 2, wherein said patient terminal is operable to download advice data for the patient from said center server over the communication network, and includes a reception marking section for displaying a new reception marking to inform the patient of reception of the advice data.

40. (New) The medical checkup network system according to claim 2, wherein said patient terminal includes a schedule function for downloading schedule data from said center server over the communication network, and connecting said patient terminal to said center server automatically at a time defined by the schedule data.

41. (New) A medical checkup network system comprising:
a patient terminal for measuring predetermined biodata of each patient including at least one of a blood pressure and a body temperature;
a doctor terminal through which medical staff is able to view the biodata; and
a center server for storing data received from said patient terminal and said doctor terminal, wherein:
said patient terminal and said doctor terminal are connected with each other via said center server over a communication network; and
said patient terminal includes an initial connection setting section for automatically communicating with the center server when said patient terminal is energized so as to upload measurement data which has not been transferred, and disconnecting the communication after the uploading is completed.

42. (New) A medical checkup network system comprising:
a doctor terminal for entering predetermined medical support data including at least one of advice data and scheduled data to a patient;
a patient terminal for receiving and displaying the medical support data; and
a center server for storing data received from said patient terminal and said doctor terminal, wherein:
said patient terminal and said doctor terminal are connected with each other via said center server over a communication network; and
said patient terminal includes an initial connection setting section for automatically communicating with said center server when said patient terminal is energized so as to download the medical support data which has not been acquired, and disconnecting the communication after the downloading is completed.
43. (New) The medical checkup network system according to claim 42, wherein said patient terminal is operable to download advice data for the patient from said center server over the communication network, and includes a reception marking section for displaying a new reception marking to inform the patient of reception of the advice data.
44. (New) The medical checkup network system according to claim 42, wherein said patient terminal includes a schedule function for downloading schedule data from said center server over the communication network, and connecting said patient terminal to said center server automatically at a time defined by the schedule data.